



INFORMATION CITED BY APPLICANTS THAT MAY BE MATERIAL TO THE
PROSECUTION OF THE SUBJECT APPLICATION

Applicants: W.H. Raskind et al. Attorney Docket No. UWOTL121680

Application No.: 10/671,007

Filed: September 25, 2003

Title: METHODS FOR IDENTIFYING SUBJECTS SUSCEPTIBLE TO
ATAXIC NEUROLOGICAL DISEASE

U.S. PATENT DOCUMENTS

None

FOREIGN PATENT DOCUMENTS

None

OTHER INFORMATION

(Including Author, Title, Date, Pertinent Pages, Etc.)

*Examiner Initial	Cite No.	
DBJ	O1	Abeliovich, A., et al., "PKCγ Mutant Mice Exhibit Mild Deficits in Spatial and Contextual Learning," <i>Cell</i> 75:1263-1271, Dec. 31, 1993.
DBJ	O2	Brkanac, Z., et al., "A New Dominant Spinocerebellar Ataxia Linked to Chromosome 19q13.4-qter," <i>Arch. Neurol.</i> 59:1291-1295, Aug. 2002.
DBJ	O3	Brkanac, Z., et al., "Autosomal Dominant Sensory/Motor Neuropathy With Ataxia (SMNA): Linkage to Chromosome 7q22-q32," <i>Am. J. Med. Genet.</i> 114:450-457, 2002.
DBJ	O4	Burright, E.N., et al., "SCA1 Transgenic Mice: A Model for Neurodegeneration Caused by an Expanded CAG Trinucleotide Repeat," <i>Cell</i> 82(6):937-948, Sept. 22, 1995.
DBJ	O5	Chen, C., et al., "Impaired Motor Coordination Correlates With Persistent Multiple Climbing Fiber Innervation in PKCγ Mutant Mice," <i>Cell</i> 83:1233-1242, Dec. 29, 1995.

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DBJ	O6	Chen, D.-H., et al., "Cerebral Cavernous Malformation: Novel Mutation in a Chinese Family and Evidence for Heterogeneity," <i>J. Neurological Sciences</i> 196:91-96, 2002.
	O7	Chen, D.-H., et al., "Missense Mutations in the Regulatory Domain of PKC γ : A New Mechanism for Dominant Nonepisodic Cerebellar Ataxia," <i>Am. J. Hum. Genet.</i> 72:839-849, 2003.
	O8	Clark, H.B., et al., "Purkinje Cell Expression of a Mutant Allele of <i>SCA1</i> in Transgenic Mice Leads to Disparate Effects on Motor Behaviors, Followed by a Progressive Cerebellar Dysfunction and Histological Alterations," <i>Journal of Neuroscience</i> 17(19):7385-7395, Oct. 1, 1997.
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	O10	Kazanietz, M.G., et al., "Residues in the Second Cysteine-rich Region of Protein Kinase C δ Relevant to Phorbol Ester Binding as Revealed by Site-Directed Mutagenesis," <i>J. Biol. Chem.</i> 270(37):21852-21859, Sept. 15, 1995.
	O11	Klement, I.A., et al., "Ataxin-1 Nuclear Localization and Aggregation: Role in Polyglutamine-Induced Disease in <i>SCA1</i> Transgenic Mice," <i>Cell</i> 95:41-53, Oct. 2, 1998.
	O12	Knopf, J.L., et al., "Cloning and Expression of Multiple Protein Kinase C cDNAs," <i>Cell</i> 46:491-502, Aug. 15, 1986.
	O13	Mariotti, C. and S. Di Donato, "Cerebellar/Spinocerebellar Syndromes," <i>Neurol. Sci.</i> 22:S88-S92, 2001.
	O14	Mosely, M.L., et al., "Incidence of Dominant Spinocerebellar and Friedreich Triplet Repeats Among 361 Ataxia Families," <i>Neurology</i> 51:1666-1671, Dec. 1998.
	O15	Newton, A.C., "Protein Kinase C: Structural and Spatial Regulation by Phosphorylation, Cofactors, and Macromolecular Interactions," <i>Chem. Rev.</i> 101:2353-2364, 2001.
↓	O16	Quest, A.F.G., et al., "A Phorbol Ester Binding Domain of Protein Kinase C γ : Deletion Analysis of the CYS2 Domain Defines a Minimal 43-Amino Acid Peptide," <i>J. Biol. Chem</i> 269(4):2961-2970, Jan. 28, 1994.
DBJ	O17	Raskind, W.H., et al., "Loss of Heterozygosity in Chondrosarcomas for Markers Linked to Hereditary Multiple Exostoses Loci on Chromosomes 8 and 11," <i>Am. J. Hum. Genet.</i> 56:1132-1139, 1995.

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- DBJ
- 018 Rosenberg, R.N., "Autosomal Dominant Cerebellar Phenotypes: The Genotype Has Settled the Issue," *Neurology* 45:1-5, Jan. 1995.
- 019 Saito, N., et al., "Distribution of Protein Kinase C-Like Immunoreactive Neurons in Rat Brain," *Journal of Neuroscience* 8(2):369-382, Feb. 1988.
- 020 Skinner, P.J., et al., "Altered Trafficking of Membrane Proteins in Purkinje Cells of *SCA1* Transgenic Mice," *American Journal of Pathology* 159(3):905-913, Sept. 2001.
- 021 Tanaka, C., and Y. Nishizuka, "The Protein Kinase C Family for Neuronal Signaling," *Annu. Rev. Neurosci.* 17:551-567, 1994.
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- 023 Xu, R.X., et al., "NMR Structure of a Protein Kinase C- γ Phorbol-Binding Domain and Study of Protein-Lipid Micelle Interactions," *Biochemistry* 36:10709-10717, 1997.
- 024 Yamashita, I., et al., "A Novel Locus for Dominant Cerebellar Ataxia (SCA14) Maps to a 10.2-cM Interval Flanked by D19S206 and D19S605 on Chromosome 19q13.4-qter," *Annals of Neurology* 48(2):156-163, Aug. 2000.
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- 025 Zhang, G., et al., "Crystal Structure of the Cys2 Activator-Binding Domain of Protein Kinase C δ in Complex With Phorbol Ester," *Cell* 81:917-924, Jun. 16, 1995.

Examiner

/Diana B. Johannsen/

Date Considered

02/04/2007

*Examiner: Initial if reference considered, whether or not citation is in conformance with M.P.E.P. § 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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